

ABSTRACT OF THE DISCLOSURE

A molecular weight-enlarged, homogeneously soluble ligand, useful in catalysts, particularly for the synthesis of enantiomerically enriched organic compounds, includes:

5 a weight average molecular weight of at least 1000 g/mol;

a molecular weight-enlarging polymer;

optionally, a polymer linker; and

at least one homochiral active center;

10 wherein the active center is bound to the molecular weight-enlarging polymer through the polymer linker or is bound directly to the molecular weight-enlarging polymer.

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